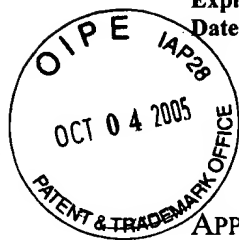


Date of Deposit: October 4, 2005



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: Nobuko Uchida  
SERIAL NUMBER: 09/890,539 EXAMINER : Robert Clinton Hayes  
FILING DATE: December 13, 2001 ART UNIT : 1647  
FOR: USE OF COLLAGENASE IN THE PREPARATION OF NEURAL  
STEM CELL CULTURES

**MAIL STOP RCE**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants hereby make of record the documents listed on the attached modified Form PTO-1449.

This Information Disclosure Statement is being submitted concurrently with the filing of the Request for Continued Examination Under 37 CFR § 1.114. Accordingly, no fee or certification is believed required. Copies of the references are not provided as they were previously submitted to the Office with a prior filing in this application on July 8, 2005. Applicants will supply copies of these references upon the Examiner's request.

It is respectfully requested that the Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims, and sign the enclosed form PTO-1449 to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application.

By submitting this Information Disclosure Statement, the Applicants make no representation that: (1) a search has been performed, of the extent of any search performed, or that more relevant information does not exist; (2) the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b); and (3) the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

APPLICANT: Nobuko Uchida  
U.S.S.N.: 09/890,539

Notwithstanding any statements by the Applicants, the Examiner is urged to form his/her own conclusion regarding the relevance of the cited information. An early and favorable action is hereby requested.

Please charge any fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311, Reference No. 17810-509 NATL.

Respectfully submitted,



Ivor R. Elrifi, Reg. No. 39,529  
Christina K. Stock, Reg. No. 45,899  
Charles E. Bell, Reg. No. 48,128  
Attorney(s) for Applicants  
MINTZ, LEVIN, COHN, FERRIS,  
GLOVSKY and POPEO, P.C.

Address all written correspondence to

**Customer No.: 30623**

Tel: (617) 542-6000

Fax: (617) 542-2241

Dated: October 4, 2005

TRA 2050419v.2



Express Mail No.: EV463102497US

Date of Deposit: October 4, 2005

Page 1 of 1

Attorney Docket No.: 17810-509 NATL

Please type a plus sign (+) in this box



PTO/SB (12-97)

Approved for use through 9/30/00. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>Modified Form 1449/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)	<b>Application Number</b>	09/890,539
	<b>Filing Date</b>	December 13, 2001
	<b>First Named Inventor</b>	Uchida
	<b>Group Art Unit</b>	1647
	<b>Examiner Name</b>	Robert Clinton Hayes
	<b>Attorney Docket Number</b>	17810-509 NATL

**U.S. PATENT DOCUMENTS**

Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
	*A1	4,608,341	08/26/86	Ambesi-Impiombato	435	240	
	*A2	5,061,620	10/29/91	Tsukamoto et al.	435	7.21	
	*A3	5,270,191	12/14/93	McKay et al.	435	172.3	
	*A4	5,342,777	8/30/94	Cole et al.	435	240.31	
	*A5	5,411,883	05/02/95	Boss et al.	435	240.2	
	*A6	5,750,376	05/12/98	Weiss et al.	324	69.52	
	*A7	5,753,506	05/19/98	Johe	435	377	

**U.S. PUBLISHED APPLICATION DOCUMENTS**

Exam Initials	Cite No.	U.S. Published Application No.	Published Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
---------------	----------	--------------------------------	----------------	-------------------------------------	-------	-----------	----------------------------

**FOREIGN PATENT DOCUMENTS**

Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes	No
	*B1	WO 94/09119	NEUROSPHERES LTD.	04/28/94		
	*B2	WO 96/04368	DALHOUSIE UNIVERSITY	02/15/96		
	*B3	WO 96/15226	NEUROSPHERES LTD.	05/23/96		
	*B4	WO 97/41209	LEUVEN RESEARCH & DEV. VZW	11/06/97		

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
	*C1	Kalyani et al. <i>Dev. Biol.</i> , 186:202-223 (1997)
	*C2	International Search Report for PCT/US00/05402, mailed August 7, 2000.

\* a copy of this reference is not provided as it was previously submitted to the Office with a prior filing in this application on July 8, 2005.

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.